

Data Needs for the Eastern LIS SEIS

Physical Aspects of the ZSF

- Bathymetry
- Bottom topography
- Dispersal, horizontal transport and vertical mixing characteristics of an area, including current direction and velocity
- Waves
- Bottom Sheer Stress
- Sediment Texture/Types
- Sediment Quality
- Marine habitats

Living Resources

- Fisheries/Shellfisheries
 - Essential fish habitats (breeding, spawning, nursery, feeding, passage areas of living resources in adult or juvenile phases)
 - Shellfish beds – especially geographically limited shellfisheries
 - Fishing areas – especially geographically limited fisheries
 - Lobster fisheries
 - Contaminant Levels in Selected Species
- Eelgrass Beds
- Conservation areas (sanctuaries, wildlife refuges, fish havens, artificial reefs)
- Endangered and threatened species habitats
- Nuisance/invasive species locations
- Benthic community
- Plankton
- Birds
- Marine Mammals
- Reptiles

Water Quality Criteria

- Existing water quality and ecology
- Water quality perturbations – we are looking for any criteria that limits usage of an area based on (temporary perturbations in water quality or other environmental conditions during initial mixing caused by disposal operations-228.5(b))

Uses of the Area

- Beaches and amenities
- Pipelines
- Cables
- Shipping
- Recreation – types and locations of activities
- Mineral extraction
- Desalination

- Commercial and recreational navigation/anchoring areas
- National seashores and parks
- Conservation areas
- Areas under consideration for alternative energy projects (i.e., wind, hydrokinetics)

Other

- Areas of special scientific importance or other uses of the LIS
- Archaeological resources (cultural features of historical importance)
- Natural features of historical importance
- Historic disposal sites
- Continental shelf
- Socioeconomic Environment
- Air Quality/Noise
- Climate Change